

IDS 12/08/2006

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10505224
	Filing Date		2004-08-20
	First Named Inventor	Yoshinori TESHIMA	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		ASAIN0150

U.S. PATENTS						<a href="#">Remove</a>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
DW	1	4694404		1987-09-15	Meagher	1
	2	5197013		1993-03-23	Dundorf	1
	3	5517602		1996-05-14	Natarajan	1
	4	6075538		2000-08-13	Shu et al.	1
	5	6214279		2001-04-10	Yang et al.	1
	6	6471800	B2	2002-10-29	Jang et al.	1
	7	6606528	B1	2003-08-12	Hagmeier et al.	1
DW	8	6627835	B1	2003-09-30	Chung et al.	1

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10505224
Filing Date		2004-08-20
First Named Inventor	Yoshinori TESHIMA	
Art Unit		
Examiner Name		
Attorney Docket Number		ASAIN0150

DW	9	6643560	B2	2003-11-04	Shimomura	→
DW	10	7088363	B2	2006-08-08	Kase et al.	→
DW	11	7110852	B2	2006-09-19	Ohmori et al.	→

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S. PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
DW	1	20030001836	A1	2003-01-02	Ernst et al.	→
DW	2	20040267400	A1	2004-12-30	Ohmori et al.	→
DW	3	20050015173	A1	2005-01-20	Ohmori et al.	→

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

**FOREIGN PATENT DOCUMENTS**

Remove

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	Ts
DW	1.	0 938 949	EP	A1	1999-09-01	The Institute of Physical and Chemical Research	→	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10505224
Filing Date		2004-08-20
First Named Inventor	Yoshinori TESHIMA	
Art Unit		
Examiner Name		
Attorney Docket Number	ASAIN0150	

DW	2	1 229 463	EP	A2	2002-08-07	Riken	/	<input checked="" type="checkbox"/>
	3	02-236677	JP		1990-09-19	Hitachi Ltd	/	<input checked="" type="checkbox"/>
	4	03-021432	JP		1991-01-30	E I DuPont De Nemours & Co	/	<input checked="" type="checkbox"/>
	5	04-075850	JP		1992-03-10	Hitachi Seiki Co Ltd	/	<input checked="" type="checkbox"/>
	6	06-315849	JP		1994-11-15	Nikon Corp	/	<input checked="" type="checkbox"/>
	7	07-057089	JP		1995-03-03	Toshiba Corp	/	<input checked="" type="checkbox"/>
	8	07-334541	JP		1995-12-22	Hitachi Ltd	/	<input checked="" type="checkbox"/>
	9	10-063873	JP		1998-03-08	ATR Tsushin Syst Kenkyusho:KK	/	<input checked="" type="checkbox"/>
	10	11-098400	JP		1999-04-09	Hitachi Ltd	/	<input checked="" type="checkbox"/>
	11	2000-182081	JP		2000-06-30	Suzuki Motor Corp.	/	<input checked="" type="checkbox"/>
DW	12	2000-194881	JP		2000-07-14	Suzuki Motor Corp	/	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10505224
Filing Date		2004-08-20
First Named Inventor	Yoshinori TESHIMA	
Art Unit		
Examiner Name		
Attorney Docket Number	ASAIN0150	

DW	13	2000-340476	JP		2000-12-08	Semiconductor Leading Edge Technologies Inc	—	<input checked="" type="checkbox"/>
	14	2001-022961	JP		2001-01-26	Ricoh Co Ltd	—	<input checked="" type="checkbox"/>
	15	2001-025023	JP		2001-01-26	Nippon Telegr & Teleph Corp (NTT)	—	<input checked="" type="checkbox"/>
	16	2001-370040	JP		2001-04-12	Riken	—	<input checked="" type="checkbox"/>
	17	2002-024308	JP		2002-01-25	Suzuki Motor Corp	—	<input checked="" type="checkbox"/>
	18	2001-225393	JP		2001-08-21	Teijin Seiki Co Ltd	—	<input checked="" type="checkbox"/>
	19	2002-230054	JP		2002-08-16	Institute of Physical & Chemical Research	—	<input checked="" type="checkbox"/>
	20	2003-044528	JP		2003-02-14	Fuji Heavy Ind Ltd	—	<input checked="" type="checkbox"/>
DW	21	02/23408	WQ	A1	2002-03-21	Hitachi Ltd	—	<input checked="" type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

**NON-PATENT LITERATURE DOCUMENTS**

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
--------------------	---------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	
Examiner Name	
Attorney Docket Number	ASAIN0150

DW	1	AVILA, RICARDO S., et al., "A Haptic Interaction Method for Volume Visualization," October 27, 1996, pp. 197-204	<input checked="" type="checkbox"/>
	2	AYALA, D., et al., "Object Representation by Means of Nonminimal Division Quadrees and Octrees," ACM Transactions on Graphics, January 1985, pp. 41-59, Vol. 4, No. 1.	<input checked="" type="checkbox"/>
	3	HOFFMANN, CHRISTOPH M., "The Problems of Accuracy and Robustness in Geometric Computation", March 1989, pp. 31-41.	<input checked="" type="checkbox"/>
	4	JU, TAO, et al. "Dual Contouring of Hermite Data," pp. 1-8, 2002.	<input checked="" type="checkbox"/>
	5	KASE, K. et al., "Volume CAD", Volume Graphics, pp. 145-173, 2003.	<input checked="" type="checkbox"/>
	6	LORENSEN, WILLIAM E. et al., "Marching Cubes: A High Resolution 3D Surface Construction Algorithm", Computer Graphics, Vol. 21, No. 4, pp. 163-169, 1987	<input checked="" type="checkbox"/>
	7	NAVAZO, I. et al., "A Geometric Modeller based on the Exact Octree Representation of Polyhedra", Computer Graphics Forum 5, pp. 91-104, 1986.	<input checked="" type="checkbox"/>
	8	NAVAZO, I., "Extended Octree Representation of General Solids with Plane Faces; Model Structure and Algorithms", Comput. & Graphics, Vol. 13, No. 1, pp. 5-16, 1989.	<input checked="" type="checkbox"/>
	9	ROY, U., et al., "Computation of a geometric model of a machined part from its NC machining programs," Computer-Aided Design, 1999, pp. 401-411, No. 31	<input checked="" type="checkbox"/>
	10	SHUTE, GARY, "Overview of C Programming," August 23, 1999, <a href="http://www.d.umn.edu/~gshute/C/overview.html">http://www.d.umn.edu/~gshute/C/overview.html</a> , printed November 1, 2004	<input checked="" type="checkbox"/>
DW	11	TESHIMA, YOSHINORI et al., "Shape Approximation, Cube Cutting and Enumeration", ISM Symposium 2003 - Statistics, Combinatorics and Geometry-20-22, p. 9, 2003.	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	
Examiner Name	
Attorney Docket Number	ASAIN0150

DW	12	YAMAGUCHI, K. et al, "Computer-Integrated Manufacturing of Surfaces Using Octree Encoding," IEEE CG&A, January 1984, pp. 60-62	<input checked="" type="checkbox"/>
DW	13	ZESHENG, TANG, "Octree Representation and Its Applications in CAD," Journal of Computer Science and Technology, 1992, pp. 29-38, Vol. 7, No. 1	<input checked="" type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Daniel Washburn/	Date Considered	01/19/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-24
First Named Inventor	Yoshinori Teshima
Art Unit	2628
Examiner Name	Daniel C. Washburn
Attorney Docket Number	ASAIN0150

**U.S. PATENTS**
[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DW/	1	6639597	B1	2003-10-28	Zwicker et al.	
/DW/	2	6968075	B1	2005-11-22	Chang	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)
**U.S. PATENT APPLICATION PUBLICATIONS**
[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DW/	1	20020055692	A1	2002-05-09	Tanaka et al.	
/DW/	2	20020004713	A1	2002-01-10	Wakabayashi et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)
**FOREIGN PATENT DOCUMENTS**
[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-24
First Named Inventor	Yoshinori Teshima
Art Unit	2628
Examiner Name	Daniel C. Washburn
Attorney Docket Number	ASAIN0150

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

**NON-PATENT LITERATURE DOCUMENTS**

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/DW/	1	Office Action issued in related U.S. Patent Application No. 10/482,919 dated February 7, 2007	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

Add

**EXAMINER SIGNATURE**

Examiner Signature	/Daniel Washburn/	Date Considered	08/22/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	2628
Examiner Name	Daniel C. WASHBURN
Attorney Docket Number	ASAIN0150

## U.S. PATENTS

Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DW/	1	6445390	B1	2002-09-03	Aftosmis et al.	
	2	6136252		2000-10-24	Bedal et al.	
	3	5807448		1998-09-15	Nakazawa	
	4	5510066		1996-04-23	Fink et al.	
	5	5345490		1994-09-06	Finnigan et al.	
	6	5303141		1994-04-12	Batchelder et al.	
	7	4665492		1987-05-12	Masters	
/DW/	8	4092201		1978-05-30	Wommelsdorf	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	2628
Examiner Name	Daniel C. WASHBURN
Attorney Docket Number	ASAIN0150

**U.S. PATENT APPLICATION PUBLICATIONS**

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DW/	1	20020113331	A1	2002-08-22	Zhang et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

**FOREIGN PATENT DOCUMENTS**

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

[Add](#)

**NON-PATENT LITERATURE DOCUMENTS**

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/DW/	1	KOBELT, Leif P. et al., "Feature Sensitive Surface Extraction from Volume Data," ACM SIGGRAPH 2001, August 12-17, 2001, pp. 47-66	<input type="checkbox"/>
↓	2	BRUNET, Pere et al., "Solid Representation and Operation Using Extended Octrees," ACM Transactions on Graphics, Vol. 9, No. 2, April 1990, pp. 170-197	<input type="checkbox"/>
↓	3	PFISTER, Hanspeter et al., "Cube-4 - A Scalable Architecture for Real-Time Volume Rendering," IEEE 1996, pp. 47-54, 100.	<input type="checkbox"/>
↓ /DW/	4	WALLIN, Ake, "Constructing Isosurfaces from CT Data," IEEE Computer Graphics & Applications, IEEE 1991, pp. 28-33.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	2628
Examiner Name	Daniel C. WASHBURN
Attorney Docket Number	ASAIN0150

/DW/	5	Office Action dated May 7, 2007 in related U.S. patent application no. 10/486,653	<input type="checkbox"/>
------	---	-----------------------------------------------------------------------------------	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Daniel Washburn/	Date Considered	07/28/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10505224
	Filing Date		2004-08-20
	First Named Inventor	Yoshinori TESHIMA	
	Art Unit	2628	
	Examiner Name	Daniel C. WASHBURN	
	Attorney Docket Number	ASAIN0150	

U.S. PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Patent citation information please click the Add button.							Add	
U.S. PATENT APPLICATION PUBLICATIONS							Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Published Application citation information please click the Add button.							Add	
FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button.							Add	
NON-PATENT LITERATURE DOCUMENTS							Remove	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T <sup>5</sup>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	2628
Examiner Name	Daniel C. WASHBURN
Attorney Docket Number	ASAIN0150

/DW/	1	HALEY, Michael B., "Incremental Volume Rendering Using Hierarchical Compression," Eurographics '96 Volume 15, Number 3, 1996, pp. 45-55	<input type="checkbox"/>
/DW/	2	WARD, Gregory J., "The RADIANCE Lighting Simulation and Rendering System," Computer Graphics Proceedings, Annual Conference Series, 1994, pp. 459-472	<input type="checkbox"/>
/DW/	3	ROY, Uptal et al., "3-D Object Decomposition with Extended Octree Model and its Application in Geometric Simulation of NC Machining," Robotics and Computer-Integrated Manufacturing 14, 1998, pp. 317-327	<input type="checkbox"/>
/DW/	4	SHEPARD, M.S. et al., "Parallel Automatic Adaptive Analysis," Parallel Computing 23, 1997, pp. 1327-1347	<input type="checkbox"/>
/DW/	5	European Search Report issued in related application no. EP 02743831.6, completed March 23, 2007 and mailed April 3, 2007.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Daniel Washburn/	Date Considered	07/28/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 If possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number 10505224

Filing Date 2004-08-20

First Named Inventor Yoshinori Teshima

Art Unit 2628

Examiner Name Daniel C Washburn

Attorney Docket Number ASAIN0150

## U.S. PATENTS

Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DWI	1	5095419		1992-03-10	Seki et al.	
/DWI	2	6504742		2003-01-07	Tran et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

## U.S. PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

## FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

## NON-PATENT LITERATURE DOCUMENTS

Remove

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10505224
Filing Date		2004-08-20
First Named Inventor	Yoshinori Teshima	
Art Unit	2628	
Examiner Name	Daniel C Washburn	
Attorney Docket Number	ASAIN0150	

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/DW/	1	OKAMOTO, Katsunari et al., "Stress Analysis of Optical Fibers by a Finite Element Method," October 1981, IEEE Vol QE-17, No. 10, pp. 2123-2129,	<input type="checkbox"/>
/DW/	2	Office Action issued in related application no. 10/482,919, dated June 29, 2007.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Daniel Washburn/	Date Considered	07/28/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	5393
Examiner Name	Daniel C. Washburn
Attorney Docket Number	ASAIN0150

**U.S.PATENTS**[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DW/	1	5594652		1997-01-14	Penn et al.	
/DW/	2	5796617		1998-08-18	St. Ville	
/DW/	3	6405095		2002-06-11	Jang et al.	
/DW/	4	6618607		2003-09-09	Song	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S.PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/DW/	1	20060228248		2006-10-12	Larsson	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
-------------------	---------	--------------------------------------	-----------------------------	------------------------	------------------	-------------------------------------------------	--------------------------------------------------------------------------	----------------



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10505224
Filing Date	2004-08-20
First Named Inventor	Yoshinori TESHIMA
Art Unit	5393
Examiner Name	Daniel C. Washburn
Attorney Docket Number	ASAIN0150

	1							<input type="checkbox"/>
--	---	--	--	--	--	--	--	--------------------------

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/DW/	1	RAMESH, R., et al. "Error compensation in machine tools - a review Part 1: geometric, cutting-force induced and fixture-dependent errors," International Journal of Machine Tools & Manufacture 40 (2000) pp. 1235-1256.	<input type="checkbox"/>
/DW/	2	LIU, Qing, "Form-Accuracy Analysis and Prediction in Computer-Integrated Manufacturing," International Journal of Machine Tools & Manufacture, Vol. 37, No. 3, 1997, pp. 234-248	<input type="checkbox"/>
/DW/	3	Supplementary European Search Report issued in related application no. EP 02 76 0631, completed September 12, 2007.	<input type="checkbox"/>
	4		<input type="checkbox"/>
/DW/	5	Office Action issued in related US Application no. 10/595,047, dated September 28, 2007	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Daniel Washburn/	Date Considered	11/05/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.